

ABSTRACT

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Fuel cell separators (18) sandwich an anode (13) and a cathode (14) which are installed along both sides of an electrolyte film (12) and diffusion layers (16, 16). The separators (18) are made of a mixture material containing a thermoplastic resin selected from ethylene-vinyl acetate copolymers and ethylene-ethyl acrylate copolymers and carbon particles selected from at least one of Ketjen black, graphite and acetylene black. Since the thermoplastic resin is excellent in especially flexibility, the contact surfaces of the separators (18) in contact with the diffusion layers (15, 16) can be a portion excellent in sealability by adding the thermoplastic resin excellent in sealability to the separators (18).